

Contents

Volume 54

Coordinated Review Letter: The Prevention of Cancer

Potential use of D-glucaric acid derivatives in cancer prevention Z. Walaszek (Smithville, TX)	1–8
Modulation of mouse fibroblast adipocyte differentiation by X-rays and TPA E. von Hofe and A.R. Kennedy (Worcester, MA and Philadelphia, PA)	9–15
Peripheral blood lymphocyte subpopulations in Indian women with cervical intraepithelial neoplasia and invasive cancer — an immunocytochemical study using monoclonal antibodies R. Jain, M.M. Gupta, A. Parashari, S. Kaur and U.K. Luthra (New Delhi, India)	17–20
Effect of 5-aza-2'-deoxycytidine and retinoic acid on differentiation and c-myc expression in HL-60 myeloid leukemic cells R.L. Momparler, B.T. Doré and L.F. Momparler (Montreal, Canada)	21–28
Diffusion of insulin-like growth factor 1 in human breast cancer explants B. Hecquet and J-P. Peyrat (Lille, France)	29–36
The kinetics of 1-nitropyrene and 3-nitrofluoranthene metabolism using bovine liver xanthine oxidase S.L. Bauer and P.C. Howard (Cleveland, OH)	37–42
Response of fibroblast cultures from ataxia-telangiectasia patients to oxidative stress M. Yi, M.P. Rosin and C.K. Anderson (Burnaby and Vancouver, Canada)	43–50
Transforming growth factor- β 1 stimulates proliferation of Morris hepatoma cells in serum-free soft agar culture system supplemented with EGF and insulin K. Guzik and A. Klein (Krakow, Poland)	51–56
Increased bipterin production in rats with tumors induced by radon inhalation and benzonaphthoflavone administration P. Mura, J.P. Morlier, M. Barriere, P. Bredon, Y. Papet and J. Chameaud (Poitiers and Razes, France) .	57–60
N-Nitroso compounds and their precursors in <i>Brassica oleracea</i> R. Kumar, P. Mende, A.R. Tricker, M. Siddiqi and R. Preussmann (Jammu and Kashmir, India and Heidelberg, F.R.G.)	61–65
Lack of enhancing effects of fenvalerate and esfenvalerate on induction of preneoplastic glutathione S-transferase placental form positive liver cell foci in rats A. Hagiwara, M. Yamada, R. Hasegawa, S. Fukushima and N. Ito (Nagoya, Japan)	67–73
Evaluation of immunohistochemical staining of breast tissue by an oestrogen-regulated protein, 24K accord- ing to epidemiological and radiological breast cancer risk criteria S.P. Courtney, S. Williams and R.W. Mansel (Cardiff, U.K.)	75–80
Alterations in splenic natural killer cell activity induced by the Shionogi mouse mammary tumor G.J. Rowse, R.E. Rowan, J. Weinberg and J.T. Emerman (Vancouver, British Colombia)	81–87
Assessment of genotoxicity of nicotine employing in vitro mammalian test system A.H. Trivedi, B.J. Dave and S.G. Adhvaryu (Ahmedabad, India)	89–94
Oxidative DNA damage, lipid peroxidation and nephrotoxicity induced in the rat kidney after ferric nitrilo- triacetate administration T. Umemura, K. Sai, A. Takagi, R. Hasegawa and Y. Kurokawa (Tokyo, Japan)	95–100
2-Hydroxyethylnitrosourea induction of B cell lymphoma in female Swiss mice S.S. Mirvish, D.D. Weisenburger, S.S. Joshi and J. Nickols (Omaha, NE)	101–106
Announcements	107–108

Unusual reaction to chlorambucil: A case report	
F. Pietrantonio, L. Moriconi, F. Torino, A. Romano and A. Gargovich (Rome, Italy)	109—111
Persistence of cytogenetic damage induced by alkylating antineoplastic drug phopurinum in human lymphocytes in vivo and in vitro	
J.R. Lazutka and G. Slapsyte (Vilnius, Lithuania)	113—118
Synergistic cytotoxic effect of human recombinant tumor necrosis factor alpha combined with dihydroambazone	
J. Baumgart, K. Gase, W. Schulze, J. Suehnel, W. Gutsche and D. Behnke (Jena, Germany)	119—124
Verapamil and cyclosporin A potentiate the effects of chemotherapeutic drugs In the human medullary thyroid carcinoma TT cell line not expressing the 170 kDa P-glycoprotein	
R. Larsson and P. Nygren (Uppsala, Sweden)	125—131
Increased therapeutic efficacy of intra-arterial carboquone chemotherapy on a limb tumor in rats, by using an acidic vehicle adjusted with lactate	
K. Hasuda, H. Kobayashi, S. Taniguchi and T. Baba (Fukuoka, Japan)	133—137
Absence of the c-Ha-ras codon 61 point mutation in murine solid tumors induced by subcutaneously applied 7,12-dimethylbenzanthracene	
D.F. Andrews, III, S.J. Collins and A.L. Reddy (Seattle WA)	139—145
O ⁶ -Alkyltransferase activity in normal human gastric mucosa	
G.W. Dyke, J.L. Craven, R. Hall, D.P. Cooper, G. Soballa and R.C. Garner (York and Leeds, U.K.) . .	147—151
Induction of N-nitrosodimethylamine metabolism in rat liver and lung by ethanol	
G.P. Carlson (West Lafayette, IN)	153—156
Investigations on the antitumor effect and mutagenicity of α -MSH fragments containing melphalan	
H. Süli-Vargha, A. Jeney, L. Kopper, J. Oláh, K. Lapis, J. Botyánszki, I. Csukas, B. Györfári and K. Medzihradzsky (Budapest, Hungary)	157—162
Glucose alters rat liver S9-mediated mutagenesis, metabolism and DNA-binding of aflatoxin B ₁	
R.W. Teel and A. Strother (Loma Linda, CA)	163—169
Subject Index Volume 54	171—173
Author Index Volume 54	175—176
Contents Volume 54	177—178

